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January-April 1974 (inclusive)

VOLUME 145

New York

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Printed by
THOMAS J. GRIFFITHS SONS, INC.
Utica, N. Y

Proceedings of the Society for Experimental Biology and Medicine, Vol. 145, No. 4, April, 1974. Published monthly except August at 104 Liberty St., Utica, N. Y. Second class postage paid at New York, N. Y. and at additicnal mailing offices. Subscription per year $30. Send notices of change of address to the Office of the Publisher at least 4 weeks in advance. Please include both the old and new addresses.
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VIRUS RESEARCH

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This book presents the proceedings of the second in a series of yearly conferences on selected topics in molecular biology organized by the Molecular Biology Institute of the University of California and sponsored by the International Chemical and Nuclear Corporation. The papers—all written by outstanding authorities in the field—discuss the most recent advances in bacterial and animal virology. In addition to giving both historical background and the most recently obtained data, the authors indicate what directions research in the areas covered is taking, and provide some idea of what future research may yield.

Topics covered include: • integration of viral genomes • replication of viral genomes • transcription and translation of animal virus genomes • transcription, translation, and regulation in bacterial virus genome expression • virus structure and assembly • nucleic acids of oncogenic viruses • virulence, latency, and molecular pathology • genetics and recombination • sequencing of viral nucleic acids.

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1973, 656 pp., $19.50/£9.15

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Academic Press, Inc.
A Subsidiary of Harcourt Brace Jovanovich, Publishers
111 FIFTH AVENUE, NEW YORK, N.Y. 10003
24/28 OVAL ROAD, LONDON NW1